

FIG.4

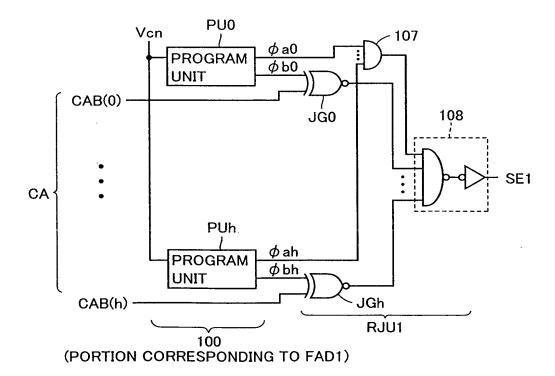
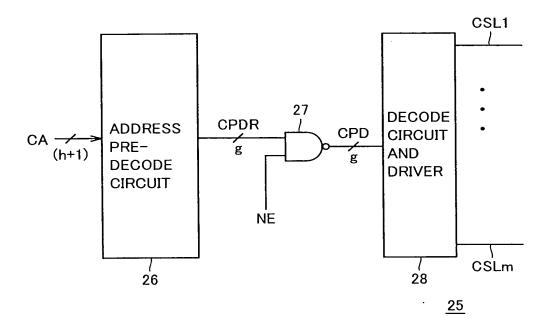
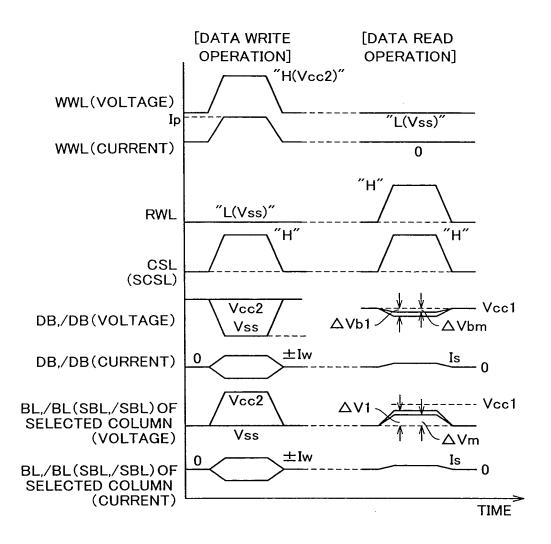


FIG.5





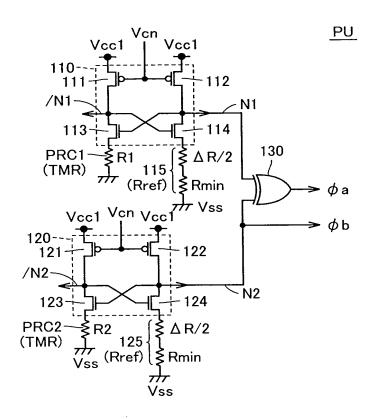


FIG.8

	INITIAL STATE	PROGRAM STATE 1	PROGRAM STATE 2	NON-PROGRAM STATE
PRC1(R1)	Rmin	Rmin	Rmax	(SAME AS INITIAL STATE)
PRC2(R2)	Rmin	Rmax	Rmin	(SAME AS INITIAL STATE)
OUTPUT φ a	"L"	"H"	"H"	(SAME AS INITIAL STATE)
OUTPUT $\phi$ b		"L"	"H"	(SAME AS INITIAL STATE)

FIG.9A

#### PROGRAM DATA READ OPERATION (INITIAL STATE: NON-PROGRAM STATE)

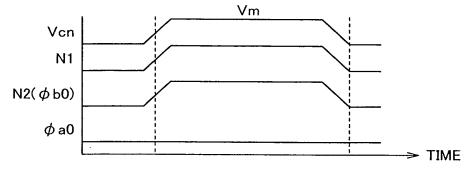


FIG.9B

PROGRAM DATA WRITE OPERATION

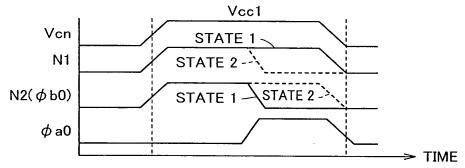
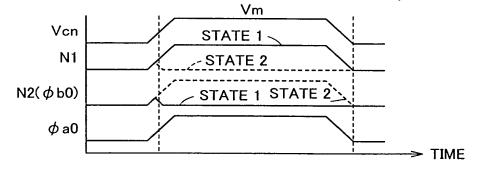


FIG.9C

PROGRAM DATA READ OPERATION (PROGRAM STATE)



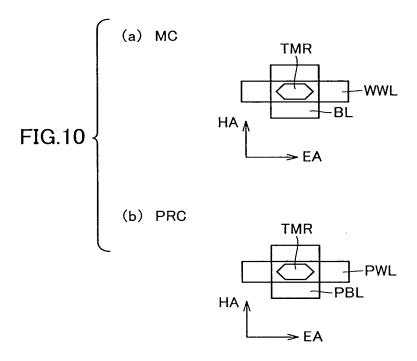
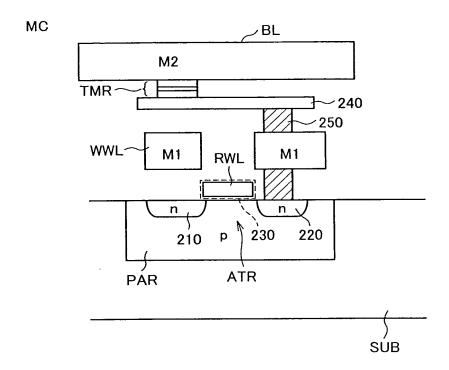
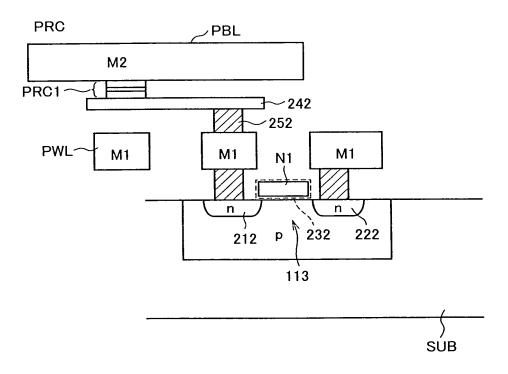


FIG.11A



# FIG.11B



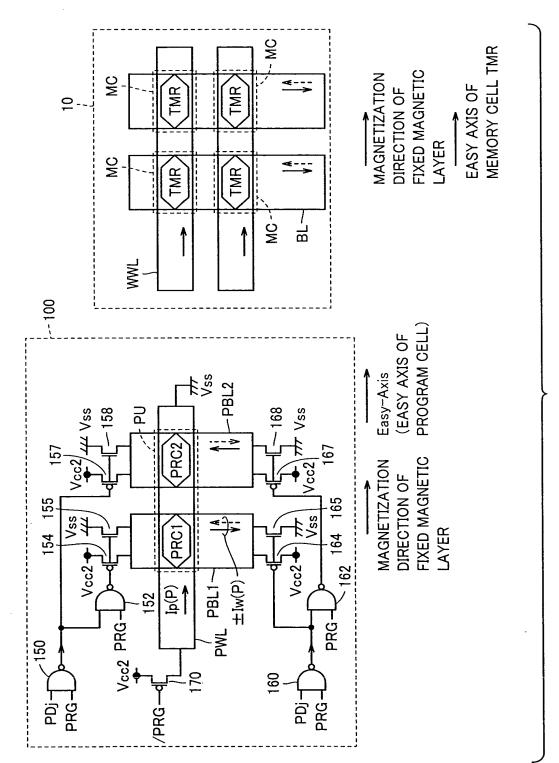
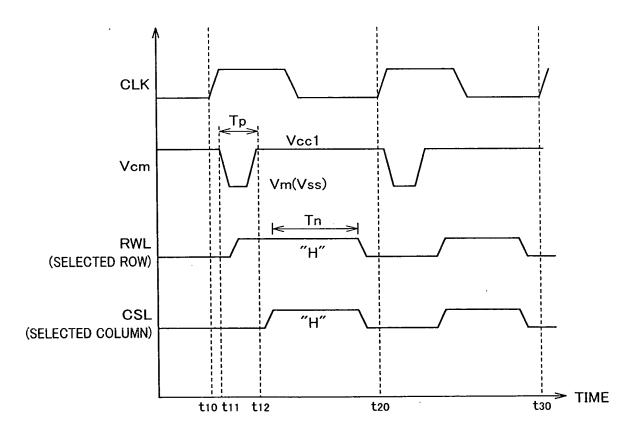


FIG.13

	INITIAL STATE	PROGRAM STATE 1	PROGRAM STATE 2	NON-PROGRAM STATE
PDj	_	″L″	"H"	
PRG		"H"	"H"	"L"
PRC1(R1)	Rmin	Rmin	Rmax	(SAME AS INITIAL STATE)
PRC2(R2)	Rmin	Rmax	Rmin	(SAME AS INITIAL STATE)
OUTPUT $\phi$ a	″L″	"H"	"H"	(SAME AS INITIAL STATE)
OUTPUT $\phi$ b	″H″	"L"	″H″	(SAME AS INITIAL STATE)

FIG.14



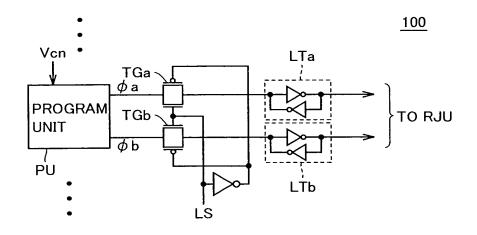
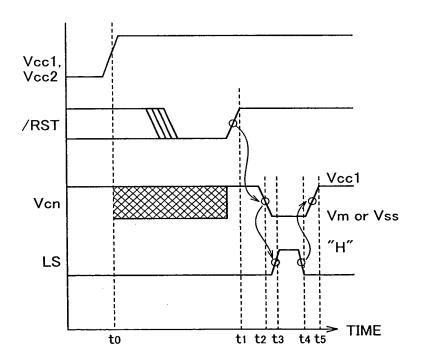
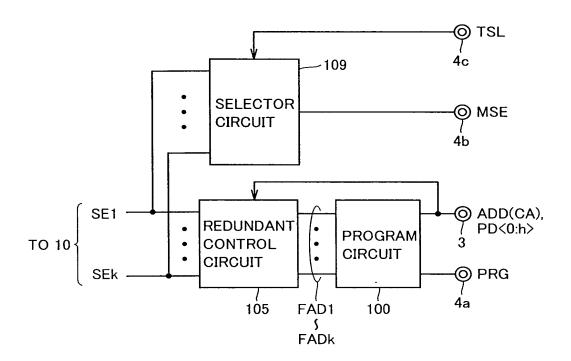
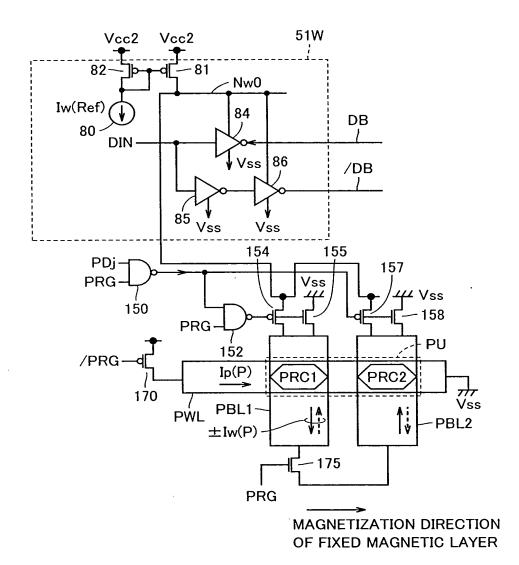
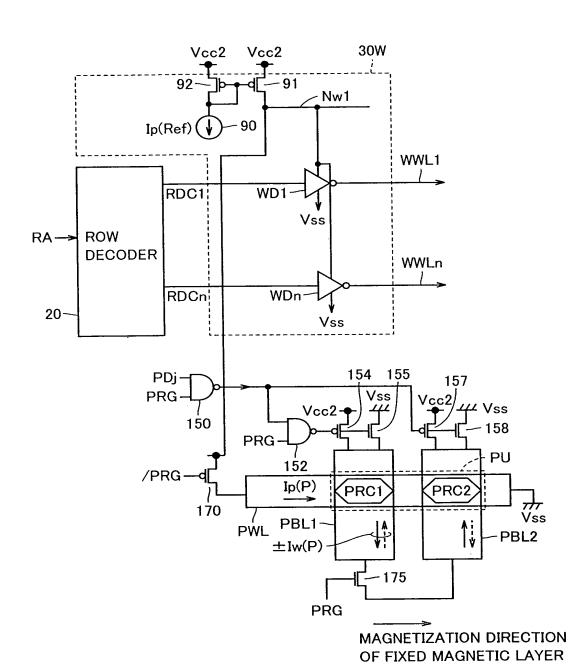


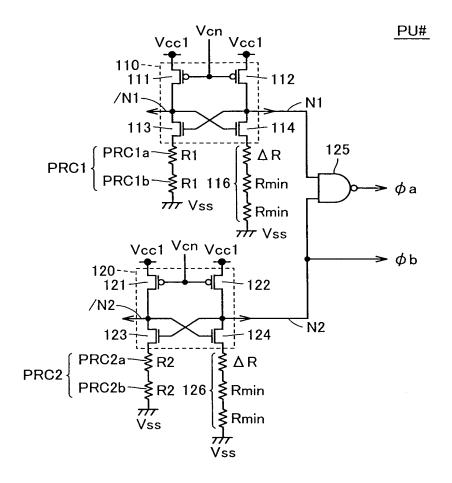
FIG.16

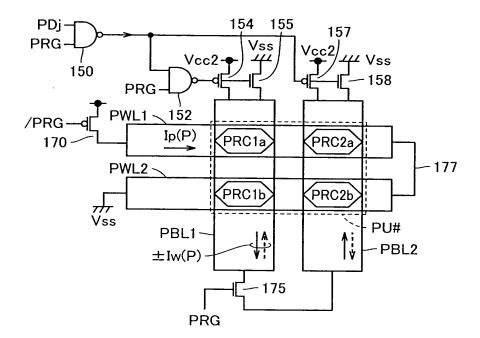












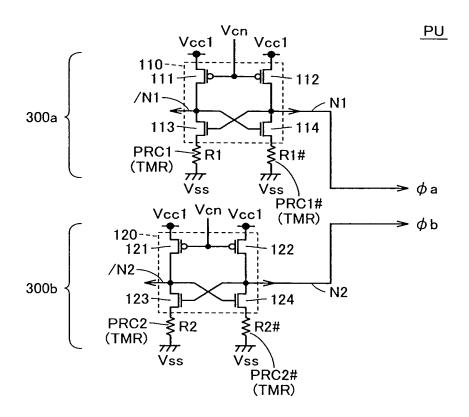
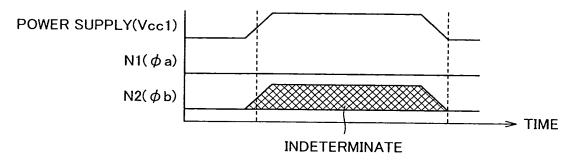


FIG.24

	INITIAL STATE	PROGRAM STATE 1	PROGRAM STATE 2	NON-PROGRAM STATE
PRC1(R1)	Rmax,Rmin	Rmin,Rmax	Rmin,Rmax	(SAME AS INITIAL STATE)
PRC2(R2)	Rmin,Rmin	Rmax,Rmin	Rmin,Rmax	(SAME AS INITIAL STATE)
OUTPUT $\phi$ a	"L"	"H"	"H"	(SAME AS INITIAL STATE)
$OUTPUT \phi b$	- (INDETERMINATE)	"L"	"H"	(SAME AS INITIAL STATE)

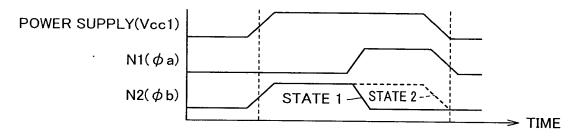
### FIG.25A

## PROGRAM DATA READ OPERATION (INITIAL STATE: NON-PROGRAM STATE)



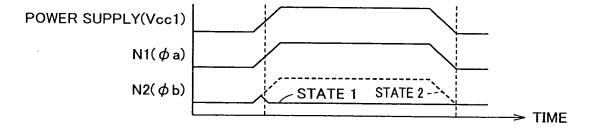
### FIG.25B

#### PROGRAM DATA WRITE OPERATION



### FIG.25C

#### PROGRAM DATA READ OPERATION



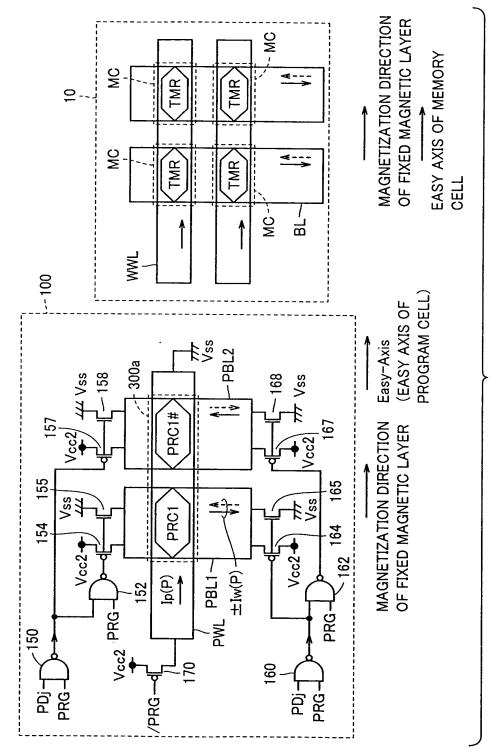
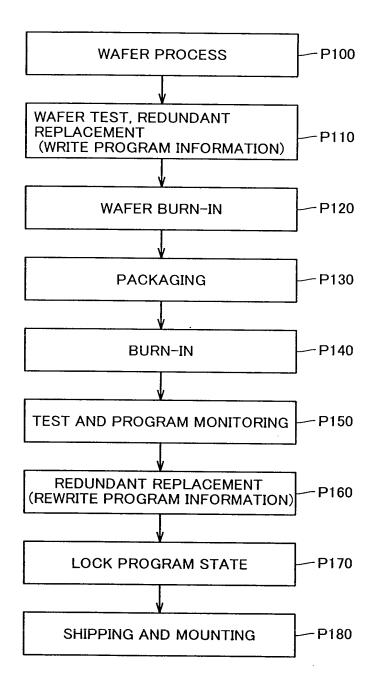
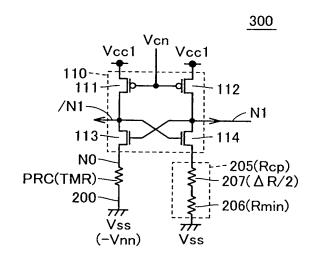
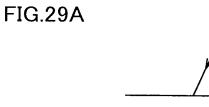
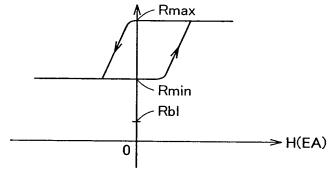


FIG.26









R

FIG.29B

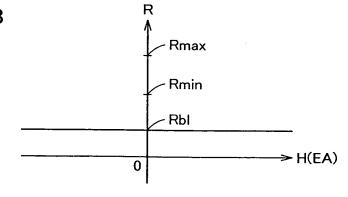


FIG.30

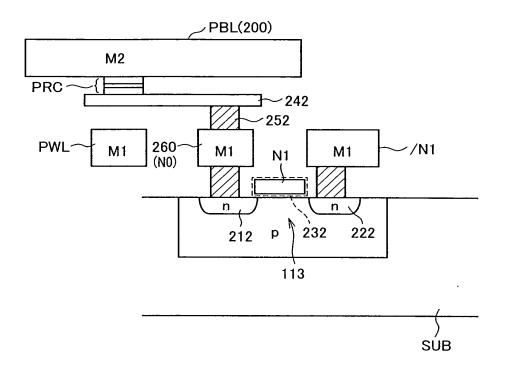


FIG.31 PRIOR ART

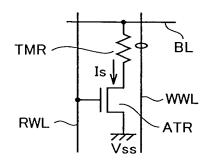


FIG.32 PRIOR ART

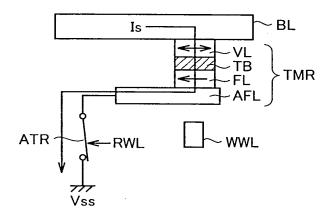


FIG.33 PRIOR ART

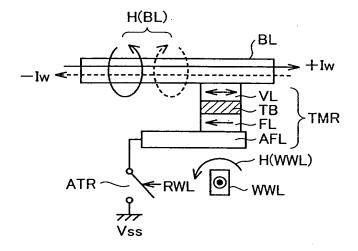


FIG.34 PRIOR ART

